

TVOP

Intent to Issue Title V Operating Permits under the Air Pollution Control Act (35 P.S. §§ 4001-4015) and 25 Pa. Code Chapter 127, Subchapter G.

23-00089: Marcus Hook Energy, L.P. (Delaware Avenue and Green Street, Marcus Hook, PA 19061) for operation of three combined cycle combustion turbines with a combined output of 750 MW. The facility is located in the Borough of Marcus Hook, Delaware County. As a result of potential emissions of Nitrogen Oxides, Particulate Matter, Volatile Organic Compounds, Carbon Monoxide, and Sulfur Dioxide, it is a major stationary source (Title V facility) as defined in the Clean Air Act. There are no proposed changes to the potential emissions from the facility.

This renewal incorporates requirements of the provisions Pennsylvania's Reasonably Available Control Technology (RACT Phase II) rules and 40 CFR 60 Subpart KKKK - Standards of Performance for Stationary Combustion Turbines, as a result of upgrades made to the stationary combustion units. The renewal includes monitoring, recordkeeping and reporting requirements designed to keep the plant operating within all applicable air quality requirements.

The turbines are subject to Phase II (Title IV) Acid Rain requirements of 40 CFR Part 72. The facility shall hold sufficient SO₂ allowances for each affected unit in accordance with 40 CFR § 72.9(c)(1). The applicable requirements are incorporated into a Title IV permit (ORIS No. 55801) issued under separate cover concurrently with the Title V Operating Permit. All monitoring, recordkeeping, and reporting shall be in conformance with 25 Pa. Code Section 127.531 and the Acid Rain Permit application.

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In 11/2/2020 folder